# Affordable Advanced F-16 Avionics

## Operational Proven in Various Blocks

F-16 Front Seat

F-16 Aft Seat

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### HMD

- Full-sphere and 360° HUD symbology brings enhanced situational awareness
- High off-bore sight weapon and sensor cueing and slaving allows to continue flight path while accessing targets at various angles
- Groundbreaking space stabilized, picture in picture video and symbology
- Click-on day and night modules

### Head-Up- Display (HUD)

- Reliability improvement
- Enhanced symbol quality
- Superior raster image quality

### Displays

- FFFI for 4"X4" CMFD's
- High resolution LCD/LED display to support advanced sensors
- High reliability
- NVG compatible
- Day and night mode

### Center Pedestal Display (CPD)

- 6"X8" high resolution smart color display
- Improves situational awareness while maintaining flight safety
- Improves LCC and maintenance saving

### Live Virtual Constructive (LVC) Training

Aircraft with the Ground Based Training System (GBTS) communication for complex scenarios training including live and virtual entities:

- Integrated Embedded Virtual Avionics (EVA™) and Targo® Helmet Mounted Display
- Advanced data-link for air-to-air (including ACMI) and air-to-ground interoperability
- Improves combat-ready and produces highly effective fighter pilot while off-loading highly expensive flying hours

### Advanced Programmable Display Generator (APDG)

- Six independent high resolution channels
- Next generation digital map
- Video compression and streaming
- Drop in replacement for all F-16 blocks PDG

### Common Data Entry Electronic Unit (CDEEU)

- Upgraded UFC controller
- 4 1553 MUX connections
- Processing and memory increase to support additional mission capabilities

### Stores Management System (SMS) - Upgraded Central Interface Unit (UCIU)

- FFFI for legacy ACIU, CCIU, ECIU
- High processing performance to support advance weapons
- Weigh and power improvements
- Reliability improvement

### Data Video Recording (DVR)

- Six channels, high resolution recording /playback: voice, data, vVideo
- NAS based server
- Includes data transfer
- Solid State Removable Cartridge